



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr. Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

**LELAND E. BROWN, Director**

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25-11

**AGRICULTURAL NEWS:** Rain continued to fall this past week around most of the Commonwealth. Temperatures averaged 66 degrees which was 4 degrees cooler than normal. The double crop soybeans continue to improve with a few more good soaking rains this week. Average rainfall for the week totaled 0.62 inches statewide, which is 0.22 inches below normal. **Topsoil moisture** was rated 7 percent very short, 26 percent short, 64 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 10 percent very short, 31 percent short, 57 percent adequate and 2 percent surplus. There were 5.1 days out of a possible 7 that were suitable for fieldwork. Main farm activities for the week were harvesting corn, cutting and housing tobacco, and clipping pastures.

**ROW CROPS: Corn** crop condition was rated as 2 percent very poor, 8 percent poor, 33 percent fair, 45 percent good, and 12 percent excellent. Corn harvested was 32 percent, compared to 66 percent last year and 36 percent on average. Seventy-six percent of the corn acreage was considered mature, well behind the 92 percent for the previous year and the five year average of 81 percent. Ninety-two percent of corn had dented, also behind the 99 percent of a year ago and 98 percent for the average. The expectations of the crop in the field remain mixed. It remains to be seen if this return to more seasonable weather has an affect on the amount of grain going into the bins. **Soybean** condition was rated 3 percent very poor, 12 percent poor, 40 percent fair, 38 percent good, and 7 percent excellent. Six percent of the soybeans were considered mature, far behind the 38 percent last year and the five year average of 14 percent. Thirty-four percent of soybeans were reported to be shedding leaves, compared to 67 percent last year, and 44 percent for the five year average. Farmers are hopeful that the recent rains will be able to stem the decline in their soybeans and start filling the pods.

**TOBACCO:** No major disease problems have been reported in tobacco, but there is considerable

concern about weight and quality. Burley tobacco cut was at 69 percent, compared to 81 percent last year and 77 percent for the five year average. Dark tobacco cut, was 79 percent, which is ahead of the reported 74 percent for the previous year and the 72 percent for the five year average. The housed tobacco condition was rated at 1 percent very poor, 5 percent poor, 41 percent fair, 44 percent good, and 9 percent excellent. Eleven percent of housed tobacco showing houseburn was rated as 10 percent light and 1 percent moderate.

**OTHER CROPS AND PASTURE: Pasture** conditions have slightly improved this past week. Pasture condition was reported at 6 percent very poor, 23 percent poor, 41 percent fair, 27 percent good, and 3 percent excellent. Hay crop condition was rated at 6 percent very poor, 20 percent poor, 41 percent fair, 29 percent good, and 4 percent excellent.

## CROP PROGRESS for week ending 09/18/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dent	92	81	99	98
Corn Mature	76	58	92	81
Corn Harvested	32	19	66	36
Soybeans Dropping Leaves	34	22	67	44
Soybeans Mature	6	NA	38	14
Burley Tobacco Cut	69	57	81	77
Dark Tobacco Cut	79	63	74	72

## SOIL MOISTURE for week ending 09/18/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	7	26	64	3
Subsoil	10	31	57	2

## CROP CONDITIONS for week ending 09/18/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	2	8	33	45	12
Soybeans	3	12	40	38	7
Pasture	6	23	41	27	3
Hay Crops	6	20	41	29	4
Tobacco Housed	1	5	41	44	9

### Below Normal Temperature and Below Normal Rainfall:

Temperatures for the period averaged 66 degrees across the state which was 4 degrees cooler than normal and 2 degrees warmer than the previous period. High temperatures averaged from 79 in the West to 75 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. Low temperatures averaged from 56 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 95 degrees at Carbondale and the extreme low was 39 degrees at Vanceburg.

**Tom Priddy**

	Rainfall			Dev. From		Air Temperature				Growing Degree Days		
	=====			=====		=====				=====		
	Since	Last		Norm	Norm	Dev.				Since	Dev.	
Weather	Last	April	Four	Since	Last	Wkly. From				Last	Apr	Since
Station	Week	1	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	1	Apr 1
	(Inches)			(Degrees F)								
Bardstown	0.25	39.57	3.19	+16.71	+0.00	86	46	65.4	-2	110	3469	+263
Berea	0.25	28.01	3.48	+4.18	-0.21	87	44	63.6	-3	98	3252	-65
Bowling Gree	0.74	33.18	4.95	+9.27	+1.59	89	51	68.4	+1	126	3801	+454
Bristol	0.19	22.71	2.75	+2.52	-0.23	86	49	65.1	-2	105	3612	+528
Buckhorn Lak	0.18	35.57	3.86	+12.87	+0.49	83	46	62.6	-4	89	3186	+273
Cape Girarde	4.56	41.77	4.65	+19.51	+1.38	94	50	66.9	-3	112	3715	+214
Campbellsvil	0.15	32.37	4.85	+5.56	+0.59	85	48	64.6	-3	103	3386	+99
Covington	0.47	36.97	1.80	+15.78	-1.01	87	47	64.9	-2	103	3352	+315
Cumberland G	0.13	30.56	4.69	+5.96	+1.45	85	45	64.9	-2	106	3445	+391
Dix Dam	2.48	35.38	5.99	+11.84	+2.69	85	45	64.7	-2	105	3400	+145
Evansville	2.41	36.80	3.01	+15.61	+0.22	92	51	67.6	-2	120	3661	+313
Glasgow	0.33	33.27	3.26	+7.39	-0.37	86	49	65.9	-2	111	3587	+330
Grayson	0.43	36.82	2.97	+14.83	+0.11	84	42	62.9	-4	92	3199	+316
Hardinsburg	0.30	38.12	1.10	+14.41	-2.31	88	47	65.6	-2	110	3482	+117
Henderson	1.83	33.25	1.94	+11.31	-1.16	92	49	66.5	-3	110	3560	+182
Huntington	0.15	33.55	2.75	+11.44	-0.20	84	45	64.8	-2	103	3574	+507
Jackson	0.20	33.80	2.66	+10.03	-0.75	85	46	64.4	-2	101	3394	+481
Lexington	0.54	34.20	4.04	+11.34	+0.85	86	45	64.9	-2	106	3357	+272
London	0.11	32.12	3.26	+10.16	+0.10	85	47	64.5	-2	100	3381	+345
Louisville	0.29	35.56	0.87	+13.30	-2.17	93	51	69.1	+1	128	3856	+477
Mayfield	0.99	32.12	1.29	+7.99	-2.33	92	51	66.8	-3	112	3643	+217
Nashville	0.37	27.14	4.98	+4.84	+1.82	89	51	69.4	+2	133	3729	+131
Nolin Lake	0.17	37.71	1.89	+12.45	-1.85	86	48	65.0	-3	105	3448	+333
Paducah	1.66	38.78	1.86	+15.04	-1.43	92	51	68.4	-1	123	3764	+294
Princeton	1.07	35.98	1.08	+12.07	-2.21	91	52	67.6	-2	120	3660	+203
Quicksand	0.17	33.31	3.60	+9.54	+0.19	86	46	64.7	-2	102	3376	+463
Somerset	0.15	26.78	3.19	+1.91	-0.47	87	47	65.1	-2	106	3320	+175
Spindletop	0.47	34.43	3.92	+11.57	+0.73	87	45	64.6	-2	105	3360	+275
Williamstown	0.47	32.47	1.88	+9.97	-1.24	86	44	64.0	-3	101	3269	+184

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.waqwx.ca.uky.edu/>